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**LITHIUM ION BATTERY WITH DISSIMILAR POLYMER
COMPOSITIONS IN ELECTRODES****Abstract of the Disclosure**

A lithium polymer battery having a greater comonomer quantity in the polymer of the negative electrode than in the polymer of the positive electrode. The negative electrode polymer is a copolymer of a first primary monomer and 1-30 wt.% of a first comonomer, and the positive electrode is either a homopolymer of a second primary monomer or a copolymer of the second primary monomer and up to 25 wt.% of a second comonomer.